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DSI.		6,489,062	12/03/02	Watana	abe, et al.	429	231.95				
		6,025,091	02/15/00	Kondo,	Kondo, et al.		174		:		
		5,821,008	10/13/98	Harada	, et al.	429	56				
		5,656,392	08/12/97	Sano, et	t al.	429	194				
		5,624,771	04/29/97	Sano, et	al.	429	173				
		5,015,542	05/14/91	Chaney	, Jr., et al.	429	56				
		4,725,515	02/16/88	Jurca		429	174				
		4,623,599	11/18/86	Vourlis		429	174				
		4,529,673	07/16/85	Zupanc	ic	429	53				
	4,451,542 05/29/84		Ishida, et al.		429	174					
Har !		4,166,157	08/28/79	McCorr	mick 429		174				
V				FOREIG	N PATENT DOCUMENTS						
	REF DOCUMENT NUMBER		DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	NO		
He		1 035 598 A1	09/13/00	EP	EP		08				
		0 975 042 A2	01/26/00	EP		H01M 10	40				
		0 377 501 A2	07/11/90	EP	H01M 2		08				
		1 452 147	10/13/76	GB		H01M 2	02				
in		55 111063 A	08/27/80	JP (Abs	tract)	H01M 2	08	7			
10				OTHER I	OOCUMENTS (Including A	uthor, Title, D	ate, Pertinent Pag	es, Etc.)			
						1 n n					
Hr.		Oleesky, et al., "Reinfo 1964, pp. 120, 194	1-209 / NO	mon Fillers	,'' <u>Handbook of Reinforce</u> バイ什	<u>d Plastics,</u> R	einhold Publisi	hing Corpo	oration,		
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fe		4,048,392	09/13/77	Garout	te ·	429	105		
		3,647,557	03/07/72	Kegelm	an	136	177		
7		2002/0127467 A1	09/12/02	Watana	be, et al.	429	90		
ı ^M		2002/0068221 A1	06/06/02	Watana	be, et al.	429	2315		
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	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	NO
Al		2001-196038 A	07/19/01	JP	(Machine translation)	H01M 2	08	1	
		2000-48803 A	02/18/00	JP	(Machine translation)	H01M 2	34	V	
		1998 302740 A	11/13/98	JP	(Machine translation)	H01M 2	08	1	
		1998 097852 A	04/14/98	JР	(Machine translation)	H01M 2	08	1	
tie		1996 321287 A	12/03/96	JP	(Machine translation)	H01M 2	08	/	
				OTHER D	OOCUMENTS (Including A	uthor, Title, Da	te, Pertinent Pag	es, Etc.)	
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			U.	S PATENT	DOCUMENTS				
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is.		4,008,354 A	02/15/77	Pitchma	an, et al	429	56	05/12/75	
N .		6,468,691 B1	10/22/02	Malay,	et al	429	174	02/28/00)
In		4,931,368 A	06/05/90	Ayers, e	et al	429	53	09/22/87	
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			U.S. PATER	NT APPLICA	ATION PUBLICATIONS				
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